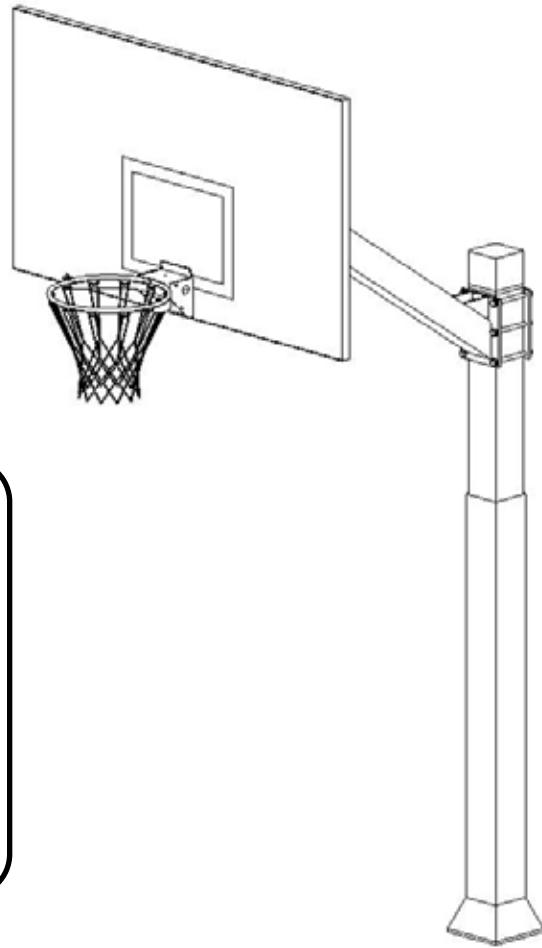


-- LS-200RS --
(THE PLAYGROUND)
Installation Instructions







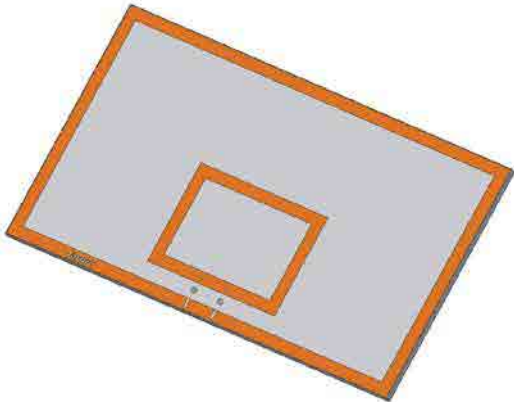



WARNING






















DO NOT ATTEMPT TO
ASSEMBLE THIS SYSTEM
WITHOUT CAREFULLY
READING AND FOLLOWING ALL
INSTRUCTIONS. BEGIN BY
IDENTIFYING AND TAKING
INVENTORY OF ALL PARTS

LS-200RS THE PLAYGROUND

ITEM	QTY	IMAGE	DESCRIPTION
1	1		6" x 6" x 157-1/8" LONG SQUARE UPRIGHT POST
2	1		8-1/4" x 11" x 7/16" THICK BACK POST PLATE
3	1		5" x 5" x 78-3/8" LONG UPPER EXTENSION ARM WITH 8-1/4" x 11" PLATE & 6" x 10-1/2" PLATE
4	1		2-3/4" x 2-3/4" x 32-5/8" LONG LOWER EXTENSION ARM WITH 6" x 6-3/8" PLATE & 4-3/4" x 8-1/2" PLATE
ITEM	QTY	IMAGE	DESCRIPTION

ITEM	QTY	IMAGE	DESCRIPTION
5	1		42" x 72" STEEL BACKBOARD
6	1		GOAL W/ NETTING
7	2		4" x 8" x 1/4" THICK MOUNTING TAB WELDMENT
8	2		1.315" DIA. x 28" HOLE TO HOLE BRACE PIPE
ITEM	QTY	IMAGE	DESCRIPTION

ITEM	QTY	IMAGE	DESCRIPTION
9	2		2" x 3" x 1-1/2" WIDE x 3/16" THICK BACKBOARD MOUNTING TAB
10	6		M16 x 205 mm HEX BOLT
11	12		M16 WASHER
12	6		M16 LOCK WASHER
13	6		M16 HEX NUT
14	4		M8 x 30 mm HEX BOLT
15	4		M8 WASHER
16	4		M8 LOCK WASHER
17	4		3/8" x 3" LONG HEX HEAD BOLT
ITEM	QTY	IMAGE	DESCRIPTION

ITEM	QTY	IMAGE	DESCRIPTION
18	6		3/8" x 1-1/2" CARRIAGE BOLT
19	2		3/8" x 1-1/2" LONG HEX HEAD BOLT
20	4		3/8" x 1-1/4" LONG HEX HEAD BOLT
21	2		1/2" x 6-1/2" LONG HEX HEAD BOLT
22	16		3/8-16 HEX NUT
23	26		3/8" WASHER
24	16		3/8" MEDIUM SPLIT LOCK WASHER
25	2		1/2"-13 HEX NUT
26	2		1/2" WASHER
27	2		1/2" SPLIT LOCK WASHER
ITEM	QTY	IMAGE	DESCRIPTION

SUGGESTED TOOLS AND MATERIALS FOR ASSEMBLY (Not Included)

- | | |
|--------------------------|--------------------------------|
| 1. 2 Adjustable Wrenches | 10. Concrete-1/2 yard or 14-16 |
| 2. Socket Set | Bags, (80 lb. bags) |
| 3. 9/16" Wrench | 11. Phillips Head Screwdriver |
| 4. 3/4" Wrench | 12. Electric Drill |
| 5. 15/16" Wrench | 13. Carpenter's Level |
| 6. 1/2" Wrench | 14. A minimum of 2 Ladders |
| 7. Hammer or Mallet | 15. Water Supply |
| 8. Tape Measure | 16. Degreaser |
| 9. Shovel | 17. 1/4" Drill Bit |

BEFORE YOU START

Identify and inventory all parts using the checklist boxes that appear on each page. Be sure to keep the hardware bags and their contents separate.



SAFETY INSTRUCTIONS



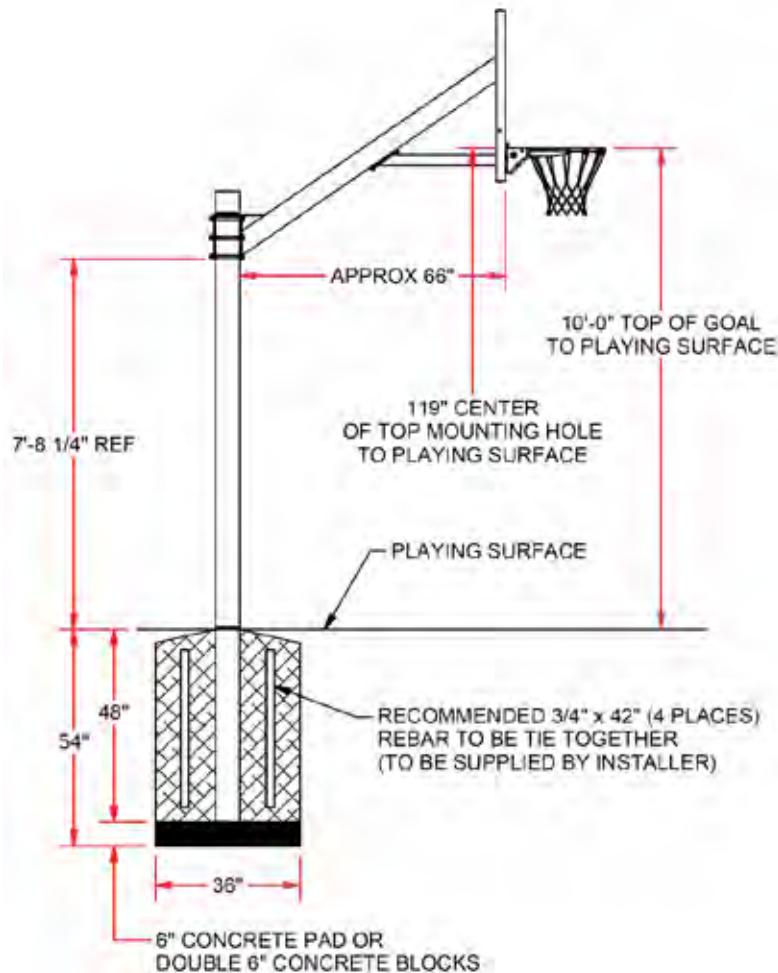
FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE AND WILL VOID THE WARRANTY.

- Proper and complete assembly, use and supervision is essential for proper operation and to reduce the risk of accident or injury. A high probability of serious injury exists if this system is not installed, maintained, or operated properly.
- The major components of this system have considerable weight. It is recommended that scaffolding or a lift jack be used to hoist the outrigger, frames and board into place.
- If using a ladder during assembly, use extreme caution. Follow all warnings and cautions on the ladder carefully.
- Before digging, contact the appropriate agency to locate underground power cables, gas, and water lines. Do not install the system within 20 feet of overhead power lines.
- Climate, corrosion, or misuse could result in system failure.
- If technical assistance is required, contact the manufacturer.
- Most injuries are caused by misuse and /or failure to follow instructions.
- Use caution when using the system.

Footings:

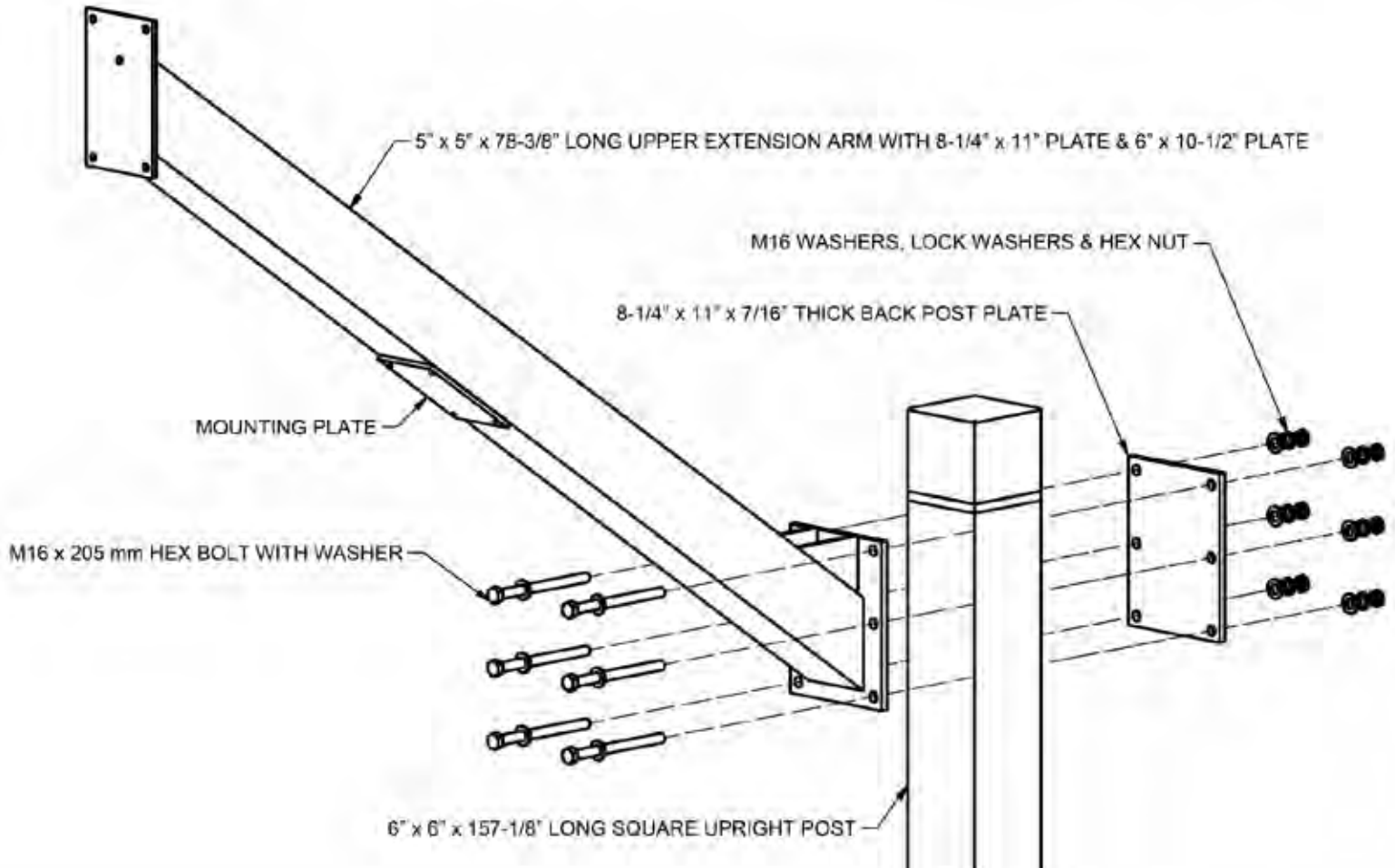
NOTE: Before digging, call to locate any buried utility lines.

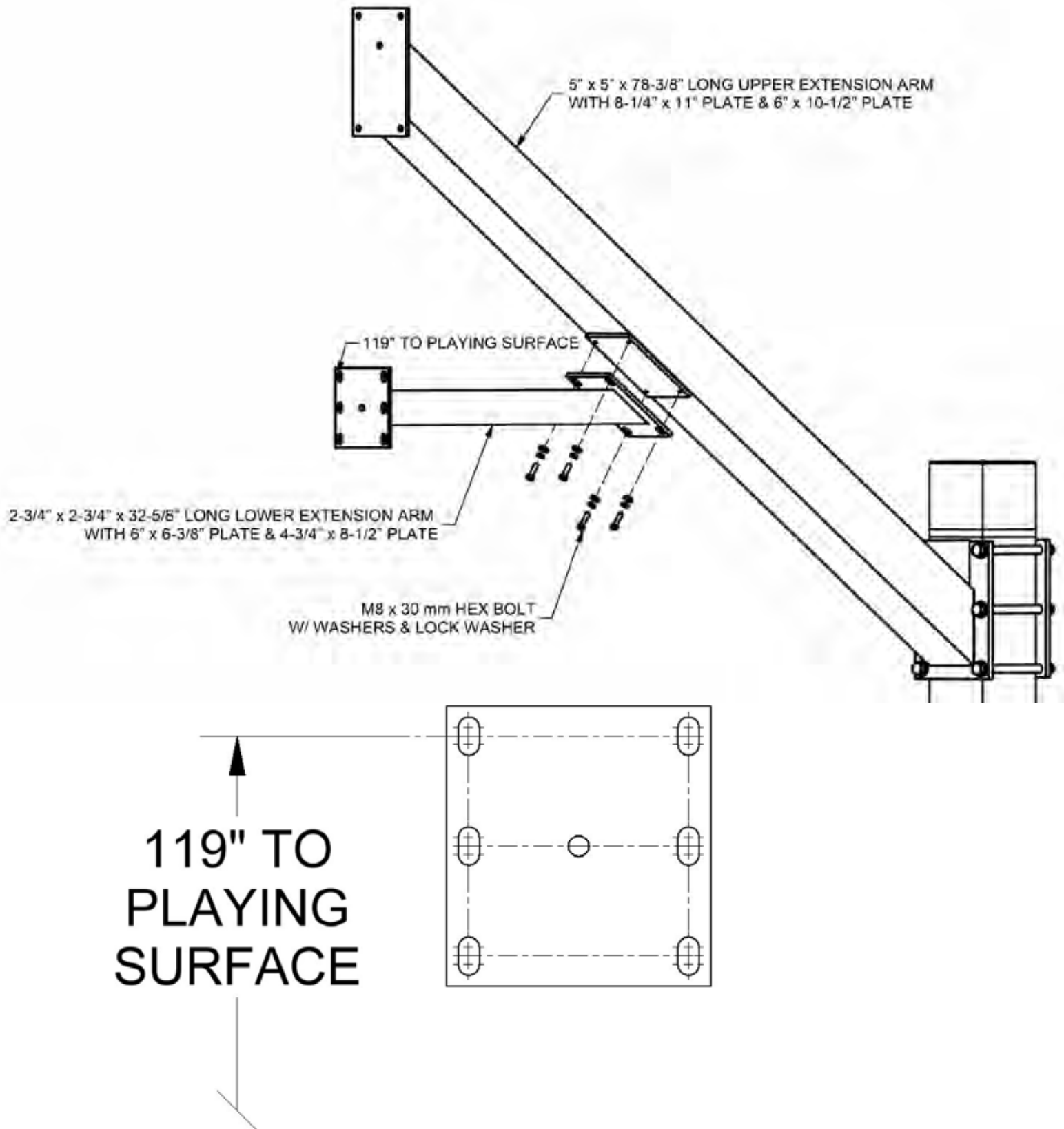
- Dig a hole 54" deep x 36" across. The edge of the hole should be flush with the edge of the playing surface. If you live in an area where heavy frost can occur, it may pose a problem, consult your local building inspector to determine the appropriate hole depth. **NOTE: The hole must be at least 54" deep.**
- There must be at least 3 feet of clearance behind the unit to enable the user to adjust the height.
- Mix the concrete according to the instructions on the bags. Note that a thicker mix of concrete will dry stronger than a thin mix. Pour the concrete into the hole, stopping approximately 18 inches from the top of the hole.
- Insert the basketball post 48 inches deep.
- Insert the four pieces of 3/4" x 42" Rebar into the hole, pushing each piece firmly to the bottom of the hole. The four pieces should be arranged in a square approximately 8 - 9 inches wide so that each piece of rebar will be positioned surrounding the backstop post.
- Finish filling the hole to the top with concrete.
- Allow the concrete to cure a minimum of 72 hours before proceeding. In humid climates or wet weather, allow additional time for the concrete to cure.



Extension assembly:

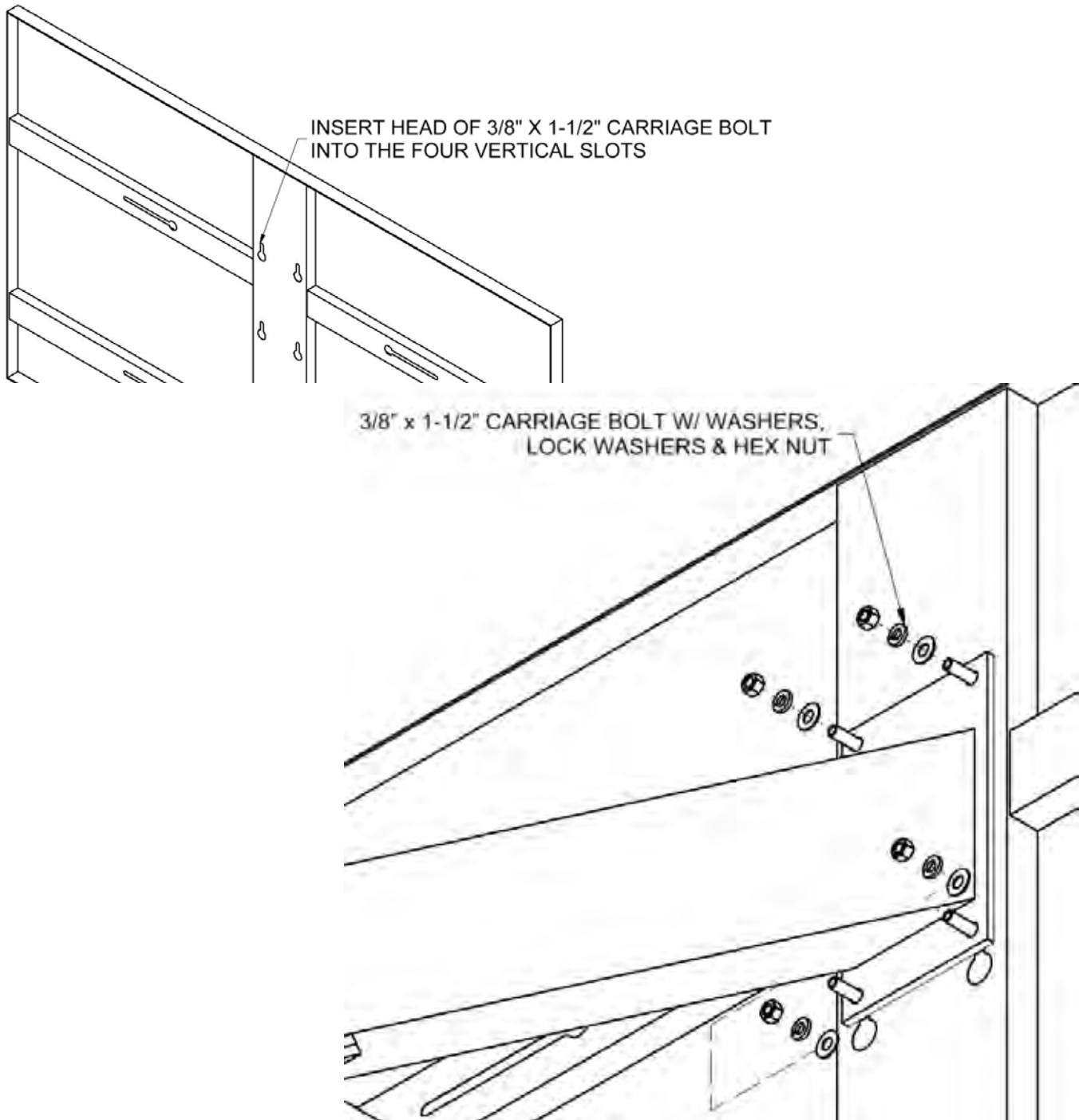
- a. Attach the back post plate to the upper extension arm and position it just beneath the white stripe.
- b. Attach the lower extension arm to the upper extension arm, assembly as shown.
- c. Carefully adjust the height of the extension arm assembly so that the height of the top slot of the lower extension arm is 119" (see next page for illustration).
- d. Securely tighten all hardware.

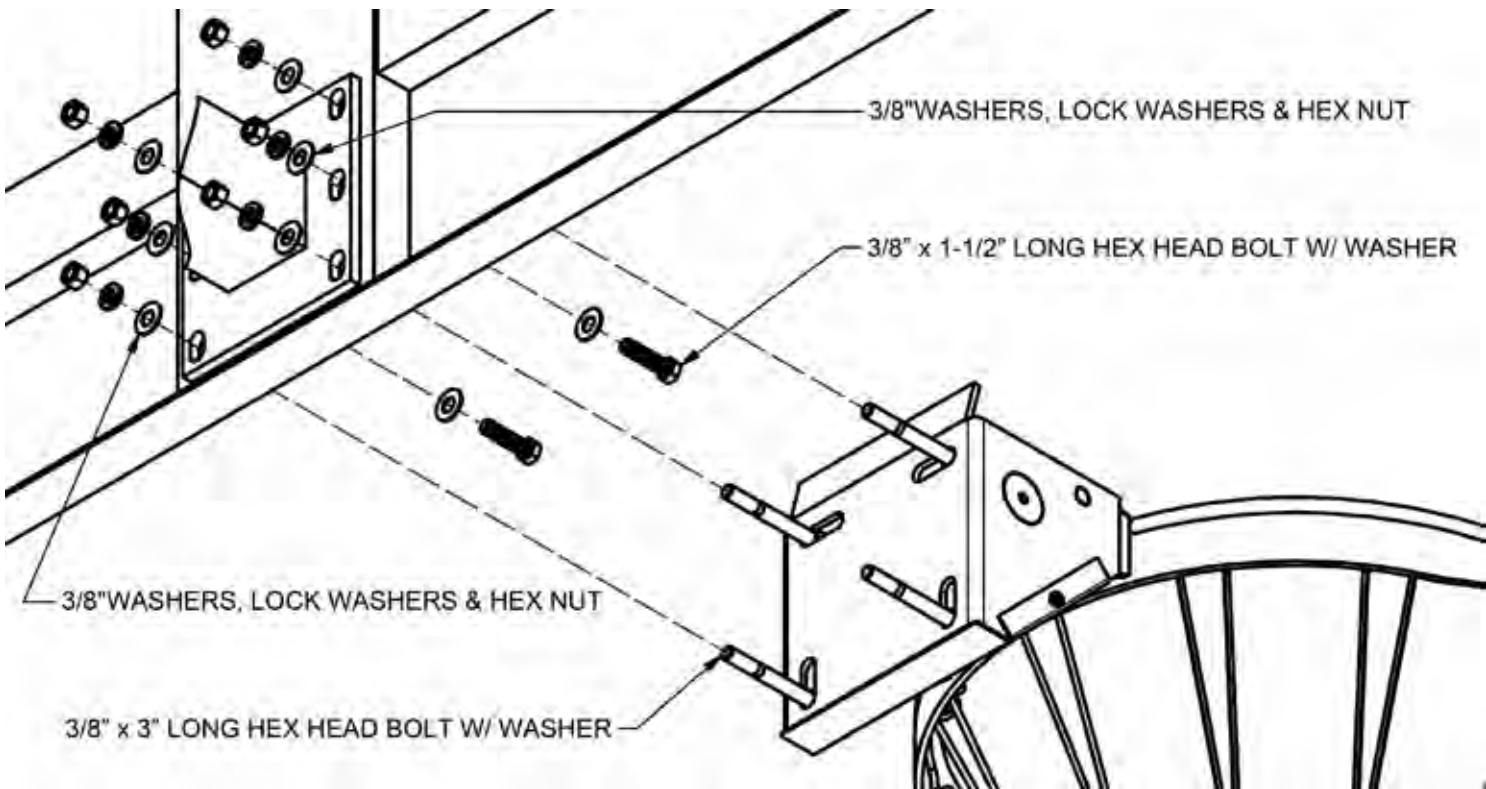




Backboard & Goal Rim Assembly:

- a. Insert four (4) 3/8" x 1-1/2" carriage bolt heads into the upper rear backboard slots. Carefully lift the backboard and insuring that the four (4) 3/8" x 1-1/2" carriage bolts pass thru the upper extension arm weldment plate ok. Use 3/8" washers, lock washers and hex nut to secure in place.
- b. Attach the lower part of the backboard onto the lower extension arm weldment using the middle slot with 3/8" x 1-1/2" long hex head bolt, washers, lock washers and hex nut.
- c. Attach the goal to the backboard using the remaining slots with 3/8" x 3" long hex head bolt, washers, lock washers, and hex nut.





Brace Assembly:

- a. Attach the backboard mounting tab onto the lower horizontal slots in the backboard with the 3/8" x 1-1/2" long carriage bolt with washers, lock washers and hex nut as shown. Repeat for the other side on the backboard. **DO NOT OVER TIGHTEN.**
- b. Assemble the brace pipe onto the backboard mounting tab with 3/8" x 1-1/4" long hex head bolt with washers, lock washers and hex nut as shown.
- c. Attach the both mounting tab weldment onto the neck of the upper extension arm weldment with 1/2" x 6-1/2" long hex head bolt with washers, lock washers and hex nut as shown.
- d. Carefully slide and adjust the mounting tab weldment and or the backboard mounting tab as needed to align the brace pipe onto the mounting tab weldment slots. Once all parts are evenly align install the remaining 3/8" hardware onto the mounting tab weldment and brace pipe as shown, repeat for other side.

